Fiber Optics Distribution Box

GP31-2P24E

Overview

This fiber optics distribution box is used as a termination point for the feeder cable to connect with drop cable in FTTx communication network system. The fiber splicing, splitting, distribution can be done in this box, and meanwhile it provides solid protection and management for the FTTx network building.

Features

- Water-proof design for both indoor and outdoor uses.
- Material: PC+ABS.
- Mechanical seal: good sealing, can repeat use. Protective level: IP66.
- Laying: outdoor wall-mounting and pole-mounting.
- Distribution panel can be flipped up, feeder cable can be placed in a cup-joint way, easy for maintenance and installation.
- The box body to scroll type structure, it has the function of guard against theft, large capacity function complete, easy to use.
- Can be installed 1:8 or 1:16 Mini-splitter.
- LC biggest for 48cores, SC biggest for 24 cores.

Dimensions and Capability

Adapter Capacity		LC Duplex	SC Simplex	PLC
		48	24	1:8 or 1:16
Dimensions (W*H*D)		250mm*340mm*110mm		
Cable Entrance		Max Diameter 18mm*Q1		
Number of Cable Exit		Up to 24 Drop Cables		
Uncut Cable Entrance and Exit		Max Diameter 13.5mm		
Optional Accessories		Adapters, Pigtails, Heat Shrink Tubes, Splice Tray, Optical Splitter		
Installation		Wall-Mounted or Pole-Mounting		

Technical Specifications

Insertion loss	≤0.2dB
UPC return loss	≥50dB
APC return loss	≥60dB
Life of insertion and extraction	>1000 times

Surge Protection

Isolation resistance	≥2*10^4 MΩ/500V
Withstand voltage between grounding device and cabinet	≥3000V(DC)/min, no puncture, no flashover

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Operation Conditions

Temperature	-40℃～+85℃
Humidity	≤85%@+30℃
Air Pressure	70kPa – 106kPa

Shipping Information

Package Contents	Fiber optics distribution box, 1 unit; Keys for lock, 2 keys; Wall mount accessories, 1 set
Material	Carton box
Lead Time	10-15 working days normally

Part Details